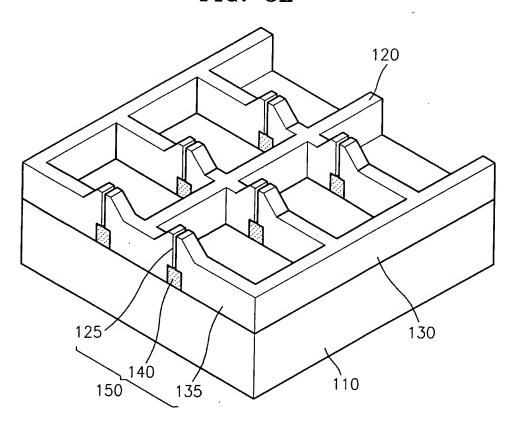


REPLACEMENT SHEET

FIG. 3E



Blakely, Sokolott, Taylor & Zatman LLP

(310) 207-3806

Title: DISTRIBUTED ANALOG PHASE SHIFTER USING ETCHED FERROELECTRIC THIN FILM AND

METHOD OF MANUFACTURING THE SAME

1st Named Inventor: Han Cheol RYU Application No.: 10/796,628

Docket No.: 2013P157

Sheet: 1/4

FIG. 4A

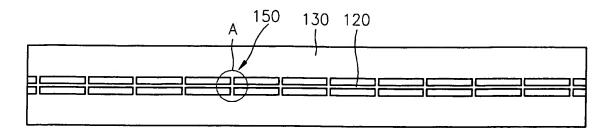


FIG. 4B

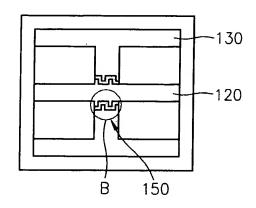
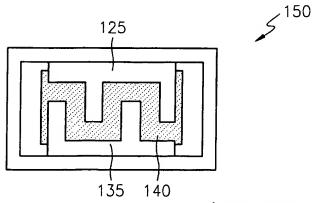


FIG. 4C



Blakely, Sokoloff, Taylor & Zafman LLP

(310) 207-3800

Title: distributed analog phase shifter using etched ferroelectric thin film and

METHOD OF MANUFACTURING THE SAME

1st Named Inventor: Han Cheol RYU

Application No.: 10/796,628

Docket No.: 2013P157

Sheet: 2/4